

Int'l Appl. No. : CT/BE99/00105

Date : August 14, 1999

17. The method of Claim 16, wherein said cofactor is selected from the group consisting of glucose, xylan, and mixtures thereof.

18. The polynucleotide of Claim 1 wherein said xylanase promoter-operator is SEQ ID NO:2.

19. The polynucleotide of Claim 1 wherein said xylanase promoter-operator is from Streptomyces strain EC3 xlnC.

20. A method for the production of antibiotics, malting of cereals, and production of paper, comprising

adding the polynucleotide of Claim 1 or the polypeptide encoded by the polynucleotide of Claim 1 to any cell which is producing any substance selected from the group consisting of: antibiotics, enzymes for malting of cereals, and enzymes for the production of paper.

21. The isolated polynucleotide according to claim 5, wherein the amino-acid sequence presents more than 90% homology with SEQ ID NO:2.

22. The isolated polynucleotide according to claim 5, wherein the amino-acid sequence presents more than 95% homology with SEQ ID NO:2.

23. The polynucleotide of claim 8, further comprising a polynucleotide which is cis-activated by said xylanase promoter-operator nucleotide sequence.

24. The vector of claim 9 wherein said vector is a plasmid.

25. The isolated polynucleotide of Claim 1 comprising SEQ ID NO:3.

26. The isolated polynucleotide of Claim 5 comprising SEQ ID NO:4.

IN THE ABSTRACT

Please add the enclosed abstract page 16.

REMARKS

The Specification and Claims have been amended to conform to practice before the United States Patent and Trademark Office, to correct minor informalities such as European spellings of words. An abstract, corresponding to that in the PCT application has been added. Claims 11-27 have been added. Support for the added claims can be found in the original Claims as well as in the Specification. Specifically, support for added Claim 19 can be found on page 3, lines 33-34 and page 4, line 1. Support for added Claim 20 can be found on page 7, lines 29-34

Int'l Appl. No. : CT/BE99/00105
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through page 8, line 1-3. As a result of the amendments made herein claims 1-27 are pending.
No new matter has been added herewith.

Conclusion

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

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Dated: 14 Feb. 2001

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ABSTRACT

The present invention is related to an isolated and purified genetic sequence controlling in trans the expression of a xylanase promoter-operator nucleotide sequence.